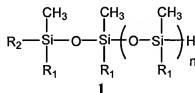


# AMENDMENTS TO THE CLAIMS

1. **(Original)** A process for preparing an  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%, said process comprising contacting a monohydrosiloxane compound of formula 1

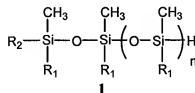


with oxygen in the presence of a platinum group catalyst, without adding water, to form the  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%;  
 wherein n is 0, 1, or 2;

R<sub>1</sub> is fluoroethyl, methyl or phenyl; and

R<sub>2</sub> is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.

2. **(Original)** A process for preparing an  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%, said process consisting essentially of contacting a monohydrosiloxane compound of formula 1

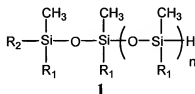


with oxygen in the presence of a platinum group catalyst, without adding water, to form the  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%;  
 wherein n is 0, 1, or 2;

R<sub>1</sub> is fluoroethyl, methyl or phenyl; and

R<sub>2</sub> is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.

3. **(Original)** A process for preparing an  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%, said process consisting of contacting a monohydrosiloxane compound of formula 1



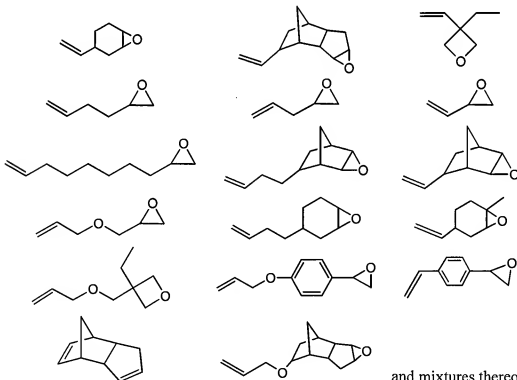
with oxygen in the presence of a platinum group catalyst, without adding water, to form the  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%;

wherein n is 0, 1, or 2;

R<sub>1</sub> is fluoroethyl, methyl or phenyl; and

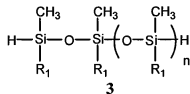
R<sub>2</sub> is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.

4. **(Original)** A process according to claim 1, wherein R<sub>2</sub> is a residue derived from a vinyl or allyl compound selected from



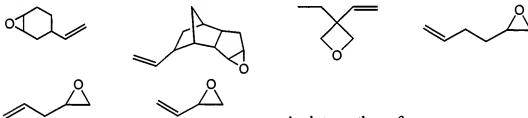
and mixtures thereof.

5. **(Original)** A process according to claim 1, wherein the monohydrosiloxane compound is formed by combining the platinum group catalyst, a vinyl or allyl precursor for R<sub>2</sub> and a dihydrosiloxane compound of formula 3, having a purity of greater than or equal to 90%



wherein R<sub>1</sub> is fluoroethyl, methyl or phenyl.

6. **(Original)** A process according to claim 1, wherein the dihydrosiloxane compound and the vinyl or allyl compound are present in a 1:1 ratio on a molar basis.
7. **(Previously Presented)** A process according to claim 1, wherein R<sub>2</sub> is derivable from a vinyl or allyl compound selected from the group consisting of



and mixtures thereof.

8. **(Previously Presented)** A process according claim 1, wherein the vinyl compound is



9. **(Previously Presented)** A process according to claim 1, additionally comprising epoxidizing the α, ω-functional siloxane to form an α, ω-epoxysiloxane.
10. **(Previously Presented)** A process according to claim 1, wherein R<sub>2</sub> is derived from



11. (Previously Presented) A process according to claim 1, wherein R<sup>1</sup> is methyl.
12. (Previously Presented) A process according to claim 1, wherein n is 0.
13. (Previously Presented) A process according to claim 1, wherein n is 1.
14. (Previously Presented) A process according to claim 1, wherein n is 2.
15. (Previously Presented) A process according to claim 1, wherein the platinum group catalyst is a rhodium compound.
16. (Previously Presented) A process according to claim 1, wherein the metal catalyst is (Ph<sub>3</sub>P)<sub>3</sub>RhCl.
- 17.-25. (Canceled)